

Work Order ID 133624 - 2

133624

Page 1

Friday, June 12, 2015 10:50:29 AM

Item ID: D4983-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cargo Hook Assembly

Start Date: 6/12/2015 Start Qty: 8.00

8

Cust Item ID:

Required Date: 6/17/2015 Req'd Qty: 8.00

8

Customer:

Reference: REWORK

Approvals:

Process Plan: ME

Date: 15-6-12 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4983

F

150

0.00

150

QC

Quality Control

Memo

0.00

PULL FROM STOCK D4983-041 X 8
AND BRING TO SMALL FAB TO REWORK

PARTS WERE MISSING

BUSHING

SEE ATT. EMAIL

0.00

7/0. 2898

CL 15/06/12 x8.

160

160

Small Fab

Small Fab

Memo

0.00

78

FF

JUN 16 2015

170

QC5- Inspect part completeness to step on W/O

0.00

170

QC

Quality Control

Memo

0.00

① 15-06-23

DAS
9
9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

Work Order ID 133624

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Page 2

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Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Cargo Hook Assembly

Start Date: 6/12/2015 Start Qty: 8.00 *8*

Cust Item ID:

Required Date: 6/17/2015 Req'd Qty: 8.00 *8*

Customer:

Reference: REWORK

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

180

Identify as per dwg & Stock Location: ST461 0.00

180

Packaging

Memo

0.00

DAS
26
9-89

1 - ~~10~~

JUN 23 2015

Packaging

190

QC21- Final Inspection - Work Order Release 0.00

190

QC

Memo

0.00

MCS JUN 24 2015

Quality Control

WISob-24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Friday, June 12, 2015 10:50:27 AM

Page 1

Work Order ID: 133624

133624

Parent Item: D4983-041

D4983-041

Parent Item Name: Cargo Hook Assembly

Start Date: 6/12/2015

Required Date: 6/17/2015

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP REV:A NEW ISSUE 14-03-022 JLM VERIFIED BY:DD IPP
REV:B 15.03.26 AS PER DWG REV.F DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4983-041		Manufactured	No				Each	0.0000		8			

D4983-041

Cargo Hook Assembly

**

1 x 130771
1 x 130763
1 x 130764
1 x 130765
1 x 130766
1 x 130768
1 x 130769
1 x 130773

filed
F
15-6-12

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

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Melanie Fauteux

From: Nigel Forbes
Sent: Friday, June 12, 2015 8:05 AM
To: Chantal Lavoie; Mario Poulin; Melanie Fauteux
Subject: FW: Hook Issue
Attachments: dart cofc 6-11-2015.pdf

FYI

From: Jason Lindsay
Sent: June-11-15 4:39 PM
To: Nigel Forbes
Subject: RE: Hook Issue

Nigel,

Attached is the C of C for the D5010-3s that we sent.

Thank you,

Jason Lindsay

From: Nigel Forbes
Sent: Thursday, June 11, 2015 10:26 AM
To: Jason Lindsay; Ryan Williamson
Subject: RE: Hook Issue

Sure thing! Being worked on now. I'll indicate where they came from (i.e.: what hook batch it was removed from for traceability)

From: Jason Lindsay
Sent: June-11-15 1:20 PM
To: Nigel Forbes; Ryan Williamson
Subject: RE: Hook Issue

Nigel,

When you send the 8pcs of D5010-3 back to eugene on RMA 1301 will you please send them FedEx Int. Economy?

Thank you,

Jason

From: Nigel Forbes
Sent: Thursday, June 11, 2015 7:49 AM
To: Jason Lindsay; Ryan Williamson
Subject: RE: Hook Issue

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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Morning!

Do we have a tracking number, please?

From: Jennifer Renwick
Sent: June-10-15 3:29 PM
To: Jason Lindsay; Carrie Pearson
Cc: Sian Willems; Nigel Forbes
Subject: Hook Issue

Hi Jason,

As discussed, this is the plan:

1- PAUL CALCATERRA ORDER

Hawkesbury will issue RMA for Paul Calcaterra

Eugene will contact customer and advise the issue and offer the no charge replacements (D5010-3 that is assembled with D5013-15 x1 bushing and D5109-1 x2 bushing). Ask for no charge PO (customer has to issue to Hawkesbury) and provide return instructions. Also need confirmation of if the customer will accept a C of C. If the customer accepts we will ship the no charge from Eugene. If the customer needs an ARC we will have to ship from Hawkesbury.

- Please ensure that you send Dart Hawkesbury **Qty 9** D5010-3 that include the D5013-15 x1 bushing and D5109-1 x2 bushing

2- SEACOAST ORDER

Eugene already shipped no charge parts out and have sent the C of C, confirmed this was sufficient documentation. Eugene will provide RA instructions to have non-conforming parts returned.

3- Air Shasta Rotor and Wing

Shipment was returned to Hawkesbury due to customs issues, Carrie will contact customer and advise there was a customs issue (don't need to mention the conforming issue) Send out another chargeable order on customers orig. PO. Customer support will issue an RMA and credit for returned part.

Please let me know if there are any questions,

Jennifer Renwick
Customer Support

DART AEROSPACE
T 1 613 632-3336 > 277
F 1 613 632-4443
S jennifer.renwick
1 800 556- 4166
<http://www.dartaerospace.com>



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
								Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐																								
Misidentified ☐	Past Due ☐	OTHER :																							



Pack Slip: 18377
18377

Packing Slip

Page: 1 of 1

Ship To: NIGEL FORBES
DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ONTARIO K6A 1K7
CANADA

Phone: 800-556-4166
Fax: 714-755-2995

Sold To: NIGEL FORBES
DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ONTARIO K6A 1K7
CANADA

Phone: 800-556-4166
Fax: 613-632-4443
dkennedy@dartaero.com

Ship Date: 6/10/2015

Ship Via: FEDEX INTL P1

F.O.B.: EUGENE, OR

Order: 16459

PO: RMA1301

Salesperson: ERIC BACON

FEDEX 160934891

PO

Line	Planned Qty	Shipped Qty	Part Number/Description	Rev
	8.00	8.00	D5010-3 PIVOT BLOCK	G

Dart Aerospace hereby certifies that all materials used in the manufacturing of our tools are new and meets all specifications called out in all applicable blueprints and drawings. All standard machining and manufacturing procedures are strictly followed.

Beau Hickson

Signed

CY15104112

NCR # 15 - 5090

PackSlip:8.03:01

190 S. Danebo Avenue
Eugene, OR, USA 97402
dartaerospace.com

T 1 541 344-9953
F 1 541 344-3863

Sales
T 1 800 556-4166
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E sales@dartaero.com

Mission
Ready.



190 S Danebo Ave
Eugene, OR 97402
USA
Tel: 541.334.9953
Fax: 541.344.3863

Certificate of Conformance

Customer: DART Aerospace LTD. (Hawkesbury)

Purchase Order: PO28798

Part Number	Description	Quantity	Batch
D5010-3	Pivot Block	8	01-16263
D5013-15	Bushing	8	01-16263
D5109-1	Bushing	16	01-16263

Packing Slip Number: 18377

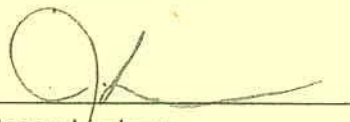
NCR# 15-5090

ALL MATERIALS, PARTS, COMPONENTS HAVE BEEN INSPECTED AND HAVE BEEN MANUFACTURED TO THE DRAWINGS LISTED ON :

D5010

Date of MFG 6-10-2015

Approved By:


Jason Lindsay
Quality Assurance Manager

Date: 6-10-2015

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Eugene, OR, USA 97402
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